

(c) **REPORT ON BROADER IMPACTS CRITERION.**—Not later than 1 year after the date of enactment of this Act, the Director shall transmit to Congress a report on the impact of the broader impacts grant criterion used by the Foundation. The report shall—

(1) identify the criteria that each division and directorate of the Foundation uses to evaluate the broader impacts aspects of research proposals;

(2) provide a breakdown of the types of activities by division that awardees have proposed to carry out to meet the broader impacts criterion;

(3) provide any evaluations performed by the Foundation to assess the degree to which the broader impacts aspects of research proposals were carried out and how effective they have been at meeting the goals described in the research proposals;

(4) describe what national goals, such as improving undergraduate science, mathematics, and engineering education, improving K–12 science and mathematics education, promoting university-industry collaboration and technology transfer, and broadening participation of underrepresented groups, the broader impacts criterion is best suited to promote; and

(5) describe what steps the Foundation is taking and should take to use the broader impacts criterion to improve undergraduate science, mathematics, and engineering education.

The Acting CHAIRMAN. Are there any amendments to section 7?

The Clerk will designate section 8.

The text of section 8 is as follows:

SEC. 8. POSTDOCTORAL RESEARCH FELLOWS.

(a) **MENTORING.**—The Director shall require that all grant applications that include funding to support postdoctoral researchers include a description of the mentoring activities that will be provided for such individuals, and shall ensure that this part of the application is evaluated under the Foundation's broader impacts merit review criterion. Mentoring activities may include career counseling, training in preparing grant applications, guidance on ways to improve teaching skills, and training in research ethics.

(b) **REPORTS.**—The Director shall require that annual reports and the final report for research grants that include funding to support postdoctoral researchers include a description of the mentoring activities provided to such researchers.

The Acting CHAIRMAN. Are there any amendments to section 8?

The Clerk will designate section 9.

The text of section 9 is as follows:

SEC. 9. RESPONSIBLE CONDUCT OF RESEARCH.

The Director shall require that each institution that applies for financial assistance from the Foundation for science and engineering research or education describe in its grant proposal a plan to provide appropriate training and oversight in the responsible and ethical conduct of research to undergraduate students, graduate students, and postdoctoral researchers participating in the proposed research project.

The Acting CHAIRMAN. Are there any amendments to section 9?

The Clerk will designate section 10.

The text of section 10 is as follows:

SEC. 10. REPORTING OF RESEARCH RESULTS.

The Director shall ensure that all final project reports and citations of published research documents resulting from research funded, in whole or in part, by the Foundation, are made available to the public in a timely manner and in electronic form through the Foundation's Web site.

The Acting CHAIRMAN. Are there any amendments to section 10?

The Clerk will designate section 11.

The text of section 11 is as follows:

SEC. 11. SHARING RESEARCH RESULTS.

An investigator supported under a Foundation award, whom the Director determines has failed to comply with the provisions of section 734 of the Foundation Grant Policy Manual, shall be ineligible for a future award under any Foundation supported program or activity. The Director may restore the eligibility of such an investigator on the basis of the investigator's subsequent compliance with the provisions of section 734 of the Foundation Grant Policy Manual and with such other terms and conditions as the Director may impose.

The Acting CHAIRMAN. Are there any amendments to section 12?

The Clerk will designate section 12.

The text of section 12 is as follows:

SEC. 12. FUNDING FOR SUCCESSFUL STEM EDUCATION PROGRAMS.

(a) **EVALUATION OF PROGRAMS.**—The Director shall, on an annual basis, evaluate all of the Foundation's grants that are scheduled to expire within one year and—

(1) that have the primary purpose of meeting the objectives of the Science and Engineering Equal Opportunity Act (42 U.S.C. 1885 et seq.); or

(2) that have the primary purpose of providing teacher professional development.

(b) **CONTINUATION OF FUNDING.**—For grants that are identified under subsection (a) and that are deemed by the Director to be successful in meeting the objectives of the initial grant solicitation, the Director may extend the duration of those grants for up to 3 additional years beyond their scheduled expiration without the requirement for a recompetition. The Director may extend such grants for an additional 3 years following a second review within 1 year before the extended completion date, in accordance with subsection (a), and the determination by the Director that the objectives of the grant are being achieved.

(c) **REPORT TO CONGRESS.**—Not later than 2 years after the date of enactment of this Act, the Director shall submit a report to the Committee on Science and Technology of the House of Representatives and to the Committee on Commerce, Science, and Transportation and the Committee on Health, Education, Labor, and Pensions of the Senate that—

(1) lists the grants which have been extended in duration by the authority provided under this section; and

(2) provides any recommendations the Director may have regarding the extension of the authority provided under this section to programs other than those specified in subsection (a).

The Acting CHAIRMAN. Are there any amendments to section 12?

The Clerk will designate section 13.

The text of section 13 is as follows:

SEC. 13. COST SHARING.

(a) **IN GENERAL.**—The Board shall evaluate the impact of its policy to eliminate cost sharing for research grants and cooperative agreements for existing programs that were developed around industry partnerships and historically required industry cost sharing, such as the Engineering Research Centers and Industry/University Cooperative Research Centers. The Board shall also consider the impact that the cost sharing policy has on initiating new programs for which industry interest and participation are sought.

(b) **REPORT.**—Not later than 6 months after the date of enactment of this Act, the Board shall report to the Committee on Science and Technology and the Committee on Appropriations of the House of Representatives, and the Committee on Commerce, Science, and Transportation, the Committee on Health, Education, Labor, and Pensions, and the Committee on Appropriations of the Senate, on the results of the evaluation under subsection (a).

The Acting CHAIRMAN. Are there any amendments to section 13?

The Clerk will designate section 14.

The text of section 14 is as follows:

SEC. 14. DONATIONS.

Section 11(f) of the National Science Foundation Act of 1950 (42 U.S.C. 1870(f)) is amended by inserting at the end before the semicolon “, except that funds may be donated for specific prize competitions”.

The Acting CHAIRMAN. Are there any amendments to section 14?

The Clerk will designate section 15.

The text of section 15 is as follows:

SEC. 15. ADDITIONAL REPORTS.

(a) **REPORT ON FUNDING FOR MAJOR FACILITIES.**—

(1) **PRECONSTRUCTION FUNDING.**—The Board shall evaluate the appropriateness of the requirement that funding for detailed design work and other preconstruction activities for major research equipment and facilities come exclusively from the sponsoring research division rather than being available, at least in part, from the Major Research Equipment and Facilities Construction account.

(2) **MAINTENANCE AND OPERATION COSTS.**—The Board shall evaluate the appropriateness of the Foundation's policies for allocation of costs for, and oversight of, maintenance and operation of major research equipment and facilities.

(3) **REPORT.**—Not later than 6 months after the date of enactment of this Act, the Board shall report on the results of the evaluations under paragraphs (1) and (2) and on any recommendations for modifying the current policies related to allocation of funding for major research equipment and facilities to the Committee on Science and Technology and the Committee on Appropriations of the House of Representatives, and to the Committee on Commerce, Science, and Transportation, the Committee on Health, Education, Labor, and Pensions, and the Committee on Appropriations of the Senate.

(b) **INCLUSION OF POLAR FACILITIES UPGRADES IN MAJOR RESEARCH EQUIPMENT AND FACILITIES CONSTRUCTION PLAN.**—Section 201(a)(2)(D) of the National Science Foundation Authorization Act of 1998 (42 U.S.C. 1862(a)(2)(D)) is amended by inserting “and for major upgrades of facilities in support of Antarctic research programs” after “facilities construction account”.

(c) **REPORT ON EDUCATION PROGRAMS WITHIN THE RESEARCH DIRECTORATES.**—Not later than 6 months after the date of enactment of this Act, the Director shall transmit to the Committee on Science and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation and the Committee on Health, Education, Labor, and Pensions of the Senate a report cataloging all elementary and secondary school, informal, and undergraduate educational programs and activities supported through appropriations for Research and Related Activities. The report shall display the programs and activities by directorate, along with estimated funding levels for the fiscal years 2006, 2007, and 2008, and shall provide a description of the goals of each program and activity. The report shall also describe how the programs and activities relate to or are coordinated with the programs supported by the Education and Human Resources Directorate.

(d) **REPORT ON RESEARCH IN UNDERGRADUATE INSTITUTIONS PROGRAM.**—The Director shall transmit to Congress along with the fiscal year 2011 budget request a report listing the funding success rates and distribution of awards for the Research in Undergraduate Institutions program, by type of institution based on the highest academic degree conferred by the institution, for fiscal years 2008, 2009, and 2010.

(e) **ANNUAL PLAN FOR ALLOCATION OF EDUCATION AND HUMAN RESOURCES FUNDING.**—

(1) **IN GENERAL.**—Not later than 60 days after the date of enactment of legislation providing for the annual appropriation of funds for the Foundation, the Director shall submit to the